

SITE PROGRAM BULLETIN

Date: Sep 26, 1997

Number: SPB-NXRAD-012

System/Type: NEXRAD

INSTALLATION OF OPERATING SYSTEM SOFTWARE FOR NEXRAD RADAR PRODUCT
SUBJ: GENERATION (RPG)

1. **PURPOSE.** This site program bulletin (SPB) is required at the Kenai, AK, and Fairbanks, AK, sites to support satellite communications to the FAA Weather and Radar Processor (WARP) system. The new operating system configures the FAA dedicated port number 2 for satellite communications. It is issued as a result of an Operational Support Facility (OSF) Configuration Change Request (CCR) NA97-13902.
2. **DISTRIBUTION.** This SPB is distributed to Kenai, AK, and to Fairbanks, AK, and to the Airway Facilities divisions in the Alaskan Region (AAL-400).
3. **CANCELLATION.** None.
4. **REFERENCES.** Order 6000.15B, General Maintenance Handbook for Airway Facilities.
5. **BACKGROUND.** This operating system software is to support satellite communications to the FAA WARP systems.
6. **SITE APPLICATION.** This SPB is applicable to Kenai, AK, and Fairbanks, AK.
7. **CONTENTS.**

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>
Attachment 1	Organizing Your Loading Tape	1
Attachment 2	Procedures for Loading a New Operating System Tape on the RPG	1
Attachment 3	Completion of Software Installation	1
Attachment 4	Software Configuration Matrix (Separate Cover)	1
Attachment 5	SCSI Tape Containing RPG Operating System Files (Separate Cover)	2

8. **WHEN INSTALLATION IS TO BE PERFORMED.** Upon receipt of this SPB and attachments 4 and 5, perform attachments 1 and 2 software loading instructions.
9. **IMPLEMENTATION PROCEDURES.** The NEXRAD will be out of service for at least 2.5 hours per RPG installation.
 - a. Coordinate the shutdown with the appropriate air traffic control personnel. Perform the procedures that pertain to your site. RPG sites perform the procedures on both channels.
 - b. After a successful load of new operating system software, keep a backup

Distribution: ANC,APD,BET,AKC,JAЕ,HKI,HMO
HWA,HKM,ACG,AEC,AIH,
AAL-400,ASO-400,AWP-400

Initiated by: AOS-250

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copy of the previous version, the new operating system software tapes, and the backup copy of the new operating system software. Return the completed form, attachment 3, along with all tapes that are not part of the new operating system to:

System Support Branch, Configuration Management
WSR-88D Operational Support Facility
3200 Marshall Ave Suite 101
Norman, Oklahoma 73072-8028

10. **HARDWARE IMPACT.** None.

11. **CLARIFICATION OR COMMENTS.**

a. The items in paragraph 7 will be direct shipped by the National Weather Service (NWS).

b. The National Airway Systems Engineering Division, AOS-200, is responsible for authorizing individual software upgrades to the FAA regions and FAA NEXRAD facilities. This will be accomplished as software updates occur. Any additional questions concerning this matter should be directed to Dennis Roofe, Weather Systems Engineering Branch, AOS-250, (405) 366-6590, ext. 3247.

Signed
George W. Terrell
Program Director for Operational Support

5 Attachments
(Attachments 4 and 5, Separate Cover)